

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Yong-Kuk YUN et. al. )  
 )  
SERIAL NO.: 10/522,683 ) Group Art Unit:  
 ) 1756  
FILED: January 30, 2003 ) Examiner: Wu,  
 ) Shean Chiu  
 )  
FOR: HIGH SPEED HIGH TEMPERATURE )  
 )  
NEMATIC LIQUID CRYSTAL )  
 )  
COMPOSITION AND LIQUID CRYSTAL )  
 )  
DISPLAY )

**DECLARATION UNDER 37 CFR § 1.132**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Yong-Kuk, YUN declares and says that:

1. I am an inventor of the above-referenced U.S. patent application serial number 10/522,683 herein referred to as the Application.
2. I graduated from KOREA University with Ph.D. Degree in Chemistry in August, 1997. Since December 11, 2000, I have been employed by Samsung Corporation and have been engaged in the research and development of LCD materials.
3. I am a co-inventor and applicant on the above-identified United States Patent Application No. 10/522,683 assigned to Samsung Corporation.
4. I am also a co-inventor of United States Patent Application No. 10/493,717

OPP 040220 US  
YOM-0221

published as United States Patent Application Publication No. 2005/0062018 to Ban et. al., filed on March 24, 2005 and assigned to Samsung Corporation.

5. I am familiar with the October 27, 2006 office action ("10/27/06 office action") for the above-identified United States Patent Application No. 10/522,683.

6. I am conceived the portions of United States Patent Application Publication No. 2005/0062018 to Ban et al. relied on by the Examiner in the claim rejections under 35 U.S.C. 102(e) of the 10/27/06 office action.

7. I declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the patent.

Byeong-Seob, BAN declares and says that:

1. I am an inventor of the above-referenced U.S. patent application serial number 10/522,683 herein referred to as the Application.

2. I graduated from KONKUK University with Ph.D. Degree in Chemistry in August, 1999. Since August 16, 1999, I have been employed by Samsung Corporation and have been engaged in the research and development of LCD materials.

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3. I am a co-inventor and applicant on the above-identified United States Patent Application No. 10/522,683 assigned to Samsung Corporation.
4. I am also a co-inventor of United States Patent Application No. 10/493,717 published as United States Patent Application Publication No. 2005/0062018 to Ban et. al., filed on March 24, 2005 and assigned to Samsung Corporation.
5. I am familiar with the October 27, 2006 office action ("10/27/06 office action") for the above-identified United States Patent Application No. 10/522,683.
6. I am conceived the portions of United States Patent Application Publication No. 2005/0062018 to Ban et al. relied on by the Examiner in the claim rejections under 35 U.S.C. 102(e) of the 10/27/06 office action.
7. I declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the patent.

Bong-Hee, KIM declares and says that:

1. I am an inventor of the above-referenced U.S. patent application serial number 10/522,683 herein referred to as the Application.

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YOM-0221

2. I graduated from KONKUK University with M.S. Degree in Chemistry in August, 1999. Since February 14, 2000, I have been employed by Samsung Corporation and have been engaged in the research and development of LCD process.
3. I am a co-inventor and applicant on the above-identified United States Patent Application No. 10/522,683 assigned to Samsung Corporation.
4. I am also a co-inventor of United States Patent Application No. 10/493,717 published as United States Patent Application Publication No. 2005/0062018 to Ban et. al., filed on March 24, 2005 and assigned to Samsung Corporation.
5. I am familiar with the October 27, 2006 office action ("10/27/06 office action") for the above-identified United States Patent Application No. 10/522,683.
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Bong-Sung, SEO declares and says that:

1. I am an inventor of the above-referenced U.S. patent application serial number 10/522,683 herein referred to as the Application.
2. I graduated from HANYANG University with M.S. Degree in Chemistry in July, 2000. Since July 3, 2000, I have been employed by Samsung Corporation and have been engaged in the research and development of LCD process.
3. I am a co-inventor and applicant on the above-identified United States Patent Application No. 10/522,683 assigned to Samsung Corporation.
4. I am also a co-inventor of United States Patent Application No. 10/493,717 published as United States Patent Application Publication No. 2005/0062018 to Ban et. al., filed on March 24, 2005 and assigned to Samsung Corporation.
5. I am familiar with the October 27, 2006 office action ("10/27/06 office action") for the above-identified United States Patent Application No. 10/522,683.
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7. I declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the

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patent.

Date: 2007. 02. 21

Y.-K. J.

Byeong Seob Ban

Bong-Hee, Kim

BONGSUNG SEO

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